are required to

PTO/SB/08A (08-03) Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S.DE PARTMENT OF COMMERCE spond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

Sheet 1

Inder the Paperwork Reduction Act of 1995, no pi

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

C mplete if Known Application Number 10/606,453 Filing Date 06/26/03 First Named Inventor Layer, J.H., et al. Art Unit 3743 **Examiner Name** T.B.A. Allomey Dockel Number GSS-101-CP1

Examiner	Cite	Document Number	U. S. PA		DOCUM	Name of Patentee or	Pages C alumna Lines 140	
Initials*	No.1	Number-Kind Code <sup>2 (danc wr)</sup>	MM-DD-Y		A	pplicant of Cited Document	Pages,C olumns, Lines, Wi Relevant Passages or Rele Figures Appear	
0	Α	<sup>US-</sup> 1,354,409	09-1920		Lawso	n, et al.	\	
4	В	<sup>US-</sup> 1,726,199	08-1929		Sulliva	n	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	_
	O	<sup>US-</sup> 2,011,869	08-1935		Pecker		1	_
	D	<sup>US-</sup> 2,728,335	12-1955		Little		1	_
	Е	<sup>US-</sup> 3,465,873	09-1969		Garrett	, et al.		
	F	US· 2,077,703	04-1937		Munz		1	
	G	US- 4,124,141	11-1978		Armen	trout, et al.		
	H	<sup>US-</sup> 4,474,016	10-1984 Winchell, David A.		ell, David A.	<b>\</b>		
		<sup>US-</sup> 5,520,892	05-1996		Bowen	, John G.		
	J US- 5,910,106 06-1999		Morgai	Morgan, et al. RECEIV		<u></u>		
	K	<sup>US-</sup> 6,060,266	05-2000		Naqui,	et al.	I-OHIVE	<b>)</b> -
	L	<sup>US-</sup> 6,231,596	05-2001		Collins	, L. Dale	OCT 0 2\2003	
	М	<sup>US-</sup> 549,959	11-19-189	95	Croner	berg, et al.	1 (-003	
	N	<sup>US-</sup> 5,935,486	08-10-99		Bell, et	al. IEC	NOLOGY CENTER R37	
	0	US- 2,220,777	11-05-40		Othme		The second way	<del>)U</del>
	Р	<sup>US-</sup> 3,685,507	8-22-72 05-13-97		Donnelly Freiman			
1	Q	<sup>US-</sup> 5,628,304					\ \	
T	R	<sup>US-</sup> 3,970,068	07-20-76		Sato		1	·
9/	S	<sup>US-</sup> 6,029,651	02-29-00		Dorney			7
Τ_			FOREIGN I	DATEL	IT DOC	MENTO		_
xaminer nitials*	Cite No.1	Foreign PatentD ocument	TORLIGIT	Publ	ication	Name of Patentee or	Pages, Columns, Lines,	Т
niuais	NO.				ale D-YYYY	Applicant of Cited Document	Where Relevant Passages Or Relevant Figures Appear	
	T	Country Code <sup>3</sup> "Number * "Kind Code <sup>5</sup> (if k. JP 01-274838 -		11-19		Okuaki, et al.	-	+
4	Ü	DE G 87 09 387.1 -		09-24				~
-f	V	GB 2158936 A				Neugebauer etal		╄
+	w	FR 1100588		11-20		Matthews, et al	X	╄-
10	X	DE DT 2907366 /		09-19 09-19			<del>  /-\</del>	╄
W/							<del> -/</del>	╄
Y	Υ	JP 61-202088		09-19	86			-

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the This collection of information is required by 37 CFR 1.97 and 1.95. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

SEP 2 6 2003

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0551-0031
U.S. Patent and Trademark Office; U.S.DE PARTMENT OF COMMERCE

Complete if Known Under the Paperwork Reduction Act of 1995

Substitute for form 1449/PTO

Sheet 2

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of |4

Application Number 10/606,453 Filing Date 06/26/03 First Named Inventor Layer, J.H., et al. Art Unit 3743 Examiner Name T.B.A. Attorney Docket Number GSS-101-CP1

					DOCUM	NTS		
Examiner Initials*	Cite No.1	Document Number	Publication MM-DD-Y		Ap	Name of Patentee or plicant of Cited Document		Pages,C olumns, Lines, Where Relevant Passages or Relevant
	<del>?</del>	Number-Kind Code <sup>2</sup> (fluo wn)			ļ		↓.	Figures Appear
(7)	AA	<sup>US-</sup> 4,503,838	03-12-85		Arrheni	us et al	Ш	
<b>)</b>	AB	<sup>US-</sup> 1,920,853	08-01-33		Fergus	on	$\prod$	\
	AC	<sup>US-</sup> 5,378,337	01-03-95		Kiyomu	ra	Π	
	AD	<sup>US-</sup> 2,733,710	02-1956		Zibell			
	AE	<sup>US-</sup> 3,603,106	09-1971		Ryan			
	AF	<sup>US-</sup> 4,501,259	02-1985		Apellan	iz, Ramon	Π	
	AG	US- 4,735,333	04-1988		Lay, et	al		1.
	AH	<sup>US-</sup> 5,875,646	03-1999		Rich, T	ammy	Ι	
	Al	<sup>US-</sup> 1,385,074	07-1921		Fergus	on		
	AJ	<sup>US-</sup> 1,920,853	08-1933		Fergus	on		
	AK	<sup>US-</sup> 4,391,267	07-1983		Arrheni	us, Gustaf O.	1	000
	AL	<sup>US-</sup> 5,483,949	01-1996		James,	Dean B.	7	CENIC
	AM	<sup>US-</sup> 1,971,364	08-1934		Zimme	, et al	T	CIVED
	AN	<sup>US-</sup> 5,915,461	06-1999		Tanheh	co, Benito Li		UCT 0 2 20
	AO	<sup>US-</sup> 1,836,162	12-1931		George	TEC	LAN	2003
	AP	US- 4,077,390	3-7-1978		Stanley	, et al	4111	OLOGY CENTER R3780
	AQ	<sup>US-</sup> 4,572,158	2-25-198	6	Fiedler		Τ	- 1378Q
1	AR	<sup>US-</sup> 4,587,950	5-13-198	6	Mack, e		Τ	
C	AS	<sup>US-</sup> 4,829,980	5-16-198	9	Smith		1	
4			FOREIGN	DATE	NT DOCU	MENTO		
Examiner Initials*	Cite No.1	Foreign PatentD ocument	PUREIGN	Pul	NI DOCU blication Date	Name of Patentee or Applicant of Cited Document		Pages, Columns, Lines, Where Relevant Passages
	1	Į.	j	MM-C	D-YYYY		10	Or Relevant Figures Appear   T

Examiner Initials*	Cite No.1	Foreign PatentD ocument	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	Π
		Country Code <sup>3</sup> "Number <sup>4</sup> "Kind Code <sup>3</sup> ( <i>if known</i> )	MM-DD-YYYY		Or Relevant Figures Appear	₹ ا
al.	AT	JP64-10098 ~	01-1989			
d	AU	JP 62-270679 -	11-1987			
al	AV	JP 56-66692 <	06-1981	X	X	
11	AW	JP 61-22194 _/	01-1986			
7					/	
		l		<u> </u>		

Examiner Date Signature Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not if conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>F or Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006, OMB 0651-0031 U.S. Patent and Trademark Office; U.S.DE PARTMENT OF COMMERCE ollection of information unless it contains a valid OMB control number.

Under the Paperwork Reduction Act of 1995, no persons are required

Substitute for form 1449/PTO

Sheet 3

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

ter to respond to SUARILE Complete if Known Application Number 10/606,453 Filing Date 06/23/03 First Named Inventor Layer, J.H., et al. Art Unit 3743 **Examiner Name** T.B.A. Attomey Docket Number | GSS-101-CP1

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2</sup> (Anno wn)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages,C olumns, Lines, Where Relevant Passages or Relevant Figures Appear
01	ВА	<sup>US-</sup> 4,860,729	8-29-1989	Benson, et al	1
	BB	<sup>US-</sup> 4,872,442	10-10-1989	Manker	<del>\</del>
	вс	US- 4,899,727	2-13-1990	Kapralis et al.	1
	BD	<sup>US-</sup> 5,056,589	10-15-1991	Hettel, et al	
	BE	<sup>US-</sup> 5,058,563	10-22-1991	Manker	<del>                                     </del>
f	BF	<sup>US-</sup> 5,736,110	4-7-1998	Angelillo, et al	
(A	BG	<sup>US-</sup> 5,791,334	8-11-1998	Walters	
	вн	<sup>US-</sup> 5,305,733	04-1994	Walters, Dale E.	
V	//	US-			
		ý			REON
		UŞ-			"CCFVICE
		UŞ-			100-
		US-		Tr	00/02
		US-		150	CHNOLOGY 2403
		US-			CENTED DO
		US-			CHNOLOGY CENTER 13700
		US-			
		US-			1
		US-			1

	·	FORE	<b>IGN PATENT DOCU</b>	MENTS		
Examiner Initials*	Cite No.1	Foreign PatentD ocument  Country Code <sup>3</sup> Number * Rind Gode <sup>4</sup> (If known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T⁰
		D				
xaminer Signature		CURICE		Date Considered	12/3/4	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 'Applicant's unique citation designation number (optional). 'See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. 'Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 'For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 'Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 'Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031

	Complete if Known		WE THADEWA	9/PTO	nder the Papervute for form 144		
	10/606,453	Applicati n Number					
<del></del>	06/26/03	Filing Date	INFORMATION DISCLOSURE				
	Layer, J.H., et al.	First Named Inventor	STATEMENT BY APPLICANT				
	3745 3749	Art Unit	(Use as many sheets as necessary)				
<del></del>	T.B.A.	Examiner Name					
	GSS-101-CP1	Attorney Docket Number	4	of	4	Sheet	

Examiner	Cita	NON PATENT LITERATURE DOCUMENTS	
examiner nitials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²
	ВІ	International Search Report, PCT Application Serial No. PCT/US01/22694, July 19, 2001	
/_			
		70-	
ļ.		KECENED	
		RECEIVED  OCT 0 2 2003  TECHNOLOGY CENTER R3700	

				,
Examiner Signature	C/Y	PRICE	Date Considered	12/3/04
45144444				

\*\*EXAMINER: Initial if reference considered, whether or not clation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation Is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.